



Manufacturers' Shipments, Inventories, and Orders

June 1987

U.S. Department of Commerce
BUREAU OF THE CENSUS

For Wire Transmission 10:00 a.m. E.D.T. Friday, July 31, 1987

(All Figures in text are in seasonally adjusted current dollars)

SUMMARY. New orders for manufactured goods in June increased \$3.4 billion or 1.7 percent to \$204.8 billion. This is the fifth consecutive monthly increase. Orders for the first half of 1987 totaled \$1187.2 billion, 5.0 percent above the same period last year.

Shipments of manufactured goods increased \$3.6 billion or 1.8 percent to \$200.5 billion, following a 0.5 percent increase last month. Shipments for the first half of 1987 totaled \$1176.4 billion, 4.1 percent above the same period last year.

Unfilled orders for manufactured goods increased \$4.3 billion or 1.1 percent to \$384.6 billion, the fourth consecutive monthly increase.

The inventory held by manufacturers at the end of June showed a slight decline of \$0.4 billion or 0.1 percent to \$321.5 billion. An increase of \$0.5 billion in nondurables was more than offset by a decrease of \$0.9 billion in durables. The inventory to shipments ratio for June was 1.60 percent down from 1.63 in May.

NEW ORDERS. New orders for manufactured durable goods in June increased \$1.7 billion or 1.6 percent to \$108.7 billion. Over three-fourths of the increase was in electrical machinery, which increased \$1.3 billion or 7.3 percent; most of the increase was in nondefense communication equipment. The rest of the durables increase was in primary metals, up \$0.4 billion or 3.9 percent, and instruments and related products, up \$0.2 billion or 4.7 percent.

The major declines were in transportation equipment and nonelectrical machinery. Transportation equipment declined \$0.6 billion or 1.9 percent; aircraft and parts were down \$0.6 billion or 5.8 percent. Nonelectrical machinery decreased \$0.6 billion or 3.2 percent, with the largest declines in engines and turbines and office and computing equipment.

Nondurable goods orders increased \$1.7 billion or 1.8 percent to \$96.1 billion. All the major industries increased except chemicals which decreased \$0.2 billion or 1.1 percent.

SHIPMENTS. Shipments of durable goods in June increased \$2.1 billion or 2.0 percent to \$104.5 billion and nondurables \$1.5 billion or 1.6 percent to \$96.0 billion. Increases were widespread. In the durables sector the largest increases were in transportation, up \$0.8 billion or 3.1 percent, most of which was in aircraft and parts, and primary metals \$0.4 billion or 4.9 percent. In the nondurables sector, foods increased \$0.4 billion or 1.4 percent and tobacco \$0.4 billion or 23.4 percent.

UNFILLED ORDERS. Unfilled orders for durable goods increased \$4.2 billion or 1.1 percent to \$371.7 billion, the fourth consecutive monthly increase. Since February, the backlog has increased \$14.4 billion or 4.0 percent. In June the largest increase was in transportation equipment, up \$1.9 billion or 1.1 percent to \$167.8 billion; most of the increase was in defense shipbuilding and tanks and nondefense aircraft and parts. Both steel and nonferrous metals contributed to the \$0.8 billion or 4.4 percent increase in primary metals. Electrical machinery was up \$1.2 billion or 1.3 percent, with most of the increase in nondefense communication equipment.

INVENTORIES. Inventories of durable goods in June declined \$0.9 billion or 0.4 percent to \$208.2 billion. This is the third decline this year and the largest since the 0.7 percent drop in December 1986. Within the major industries, declines were widespread. Inventories held by nondurable goods manufacturers increased \$0.5 billion or 0.4 percent to \$113.2 billion. Increases in foods of \$0.6 billion and tobacco of \$0.1 billion were partially offset by a \$0.3 billion decline in chemicals.

By stage of fabrication, finished goods inventories declined 0.8 percent, all in durable goods. Work in process inventories increased 0.4 percent with both durables and nondurables increasing. Materials and supplies inventories showed no change, with an increase in nondurables offsetting a decrease in durables.

SCHEDULED RELEASE DATES. The advance report on durable goods for July is scheduled for August 25, 1987, at 8:30 a.m. and the full report on September 1, 1987, at 10:00 a.m.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Menth, (301) 763-2502 or (301) 763-2512.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. This press release is also available on the date of issue through the Census Bureau's online information service—CENDATA™. The online version of the report can be read from a terminal screen, printed on— or off—line, or copied to a computer file for future use. CENDATA is available from Dialog Information Services, Inc. (800/334-2564). Further information about accessing CENDATA can be obtained from Dialog. The CENDATA Staff at the Bureau of the Census (301/763-2074) can provide content information and general guidance, or write for a brochure to CENDATA. DUSD, Bureau of the Census, Washington, DC 20233.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES AND SUPPLEMENTARY SERIES

| (Millions of dollars) | | | | | | | | | | | | | | |
|-----------------------|--|------------------------|-----------------------|-----------|------------------------|-----------------------|-----------------------|------------|--------------------------------------|-----------------------|-----------|-----------|-------------------|-----------|
| SIC Code | Industry | Seasonally adjusted | | | | | | | Not seasonally adjusted ¹ | | | | | |
| | | Monthly | | | | Percent change | | | Monthly | | | | Year to date | |
| | | June 1987 ^P | May 1987 ^T | Apr. 1987 | June 1986 ^T | May-June ^P | Apr.-May ^T | June-87/86 | June 1987 ^P | May 1987 ^T | Apr. 1987 | June 1986 | 1987 ^P | 1986 |
| | All manufacturing industries | 200,543 | 196,929 | 195,958 | 188,957 | +1.8 | +0.5 | +6.1 | 212,767 | 198,265 | 196,715 | 200,654 | 1,186,470 | 1,140,075 |
| | Manufacturing industries with unfilled orders..... | 109,067 | 106,925 | 106,592 | 103,950 | +2.0 | +0.3 | +4.9 | 116,719 | 106,901 | 106,301 | 111,234 | 643,853 | 618,996 |
| | Durable goods industries..... | 104,544 | 102,477 | 102,747 | 99,602 | +2.0 | -0.3 | +5.0 | 113,386 | 104,192 | 104,429 | 108,060 | 627,568 | 604,458 |
| | With unfilled orders..... | 84,479 | 82,789 | 82,557 | 81,280 | +2.0 | +0.3 | +3.9 | 91,393 | 82,996 | 82,673 | 87,897 | 500,425 | 487,996 |
| 32 | Stone, clay, and glass products. | 4,940 | 4,961 | 5,064 | 4,715 | -0.4 | -2.0 | +4.8 | 5,372 | 5,144 | 5,264 | 5,136 | 30,013 | 28,278 |
| 33 | Primary metals..... | 9,064 | 8,643 | 8,491 | 8,216 | +4.9 | +1.8 | +10.3 | 9,743 | 9,034 | 9,012 | 8,840 | 53,080 | 53,908 |
| 331 | Blast furnaces, steel mills.... | 3,859 | 3,721 | 3,605 | 3,491 | +3.7 | +3.2 | +10.5 | 4,206 | 3,928 | 3,846 | 3,807 | 22,567 | 23,122 |
| 332 | Iron and steel foundries..... | 760 | 740 | 773 | 844 | +2.7 | -4.3 | -10.0 | 834 | 787 | 825 | 927 | 4,884 | 5,407 |
| 333-9 | Nonferrous and other primary metals..... | 4,445 | 4,182 | 4,113 | 3,881 | +6.3 | +1.7 | +14.5 | 4,703 | 4,319 | 4,341 | 4,106 | 25,629 | 25,379 |
| 34 | Fabricated metal products..... | 11,213 | 11,062 | 11,357 | 11,440 | +1.4 | -2.6 | -2.0 | 11,947 | 11,317 | 11,483 | 12,194 | 68,388 | 69,035 |
| 35 | Machinery, except electrical.... | 17,309 | 17,110 | 17,086 | 17,276 | +1.2 | +0.1 | +0.2 | 19,628 | 17,187 | 17,123 | 19,573 | 103,141 | 104,695 |
| 351 | Engines and turbines..... | 1,188 | 1,165 | 1,118 | 1,240 | +2.0 | +4.2 | -4.2 | 1,292 | 1,235 | 1,225 | 1,343 | 7,176 | 7,564 |
| 353 | Construction, mining, and material handling equipment.. | 2,102 | 2,047 | 2,102 | 2,161 | +2.7 | -2.6 | -2.7 | 2,312 | 2,124 | 2,187 | 2,384 | 12,399 | 14,331 |
| 354 | Metalworking machinery..... | 804 | 756 | 717 | 750 | +6.3 | +5.4 | +7.2 | 886 | 722 | 674 | 819 | 4,497 | 4,454 |
| 357 | Office and computing machines. | 4,592 | 4,677 | 4,583 | 4,843 | -1.8 | +2.1 | -5.2 | 5,648 | 4,288 | 3,986 | 5,921 | 25,869 | 26,215 |
| 36 | Electrical machinery..... | 18,470 | 18,326 | 17,872 | 16,805 | +0.8 | +2.5 | +9.9 | 20,108 | 17,829 | 17,357 | 18,256 | 108,093 | 99,189 |
| 361,2 | Electrical transmission and distribution equipment and industrial apparatus..... | 2,268 | 2,246 | 2,213 | 2,109 | +1.0 | +1.5 | +7.5 | 2,445 | 2,208 | 2,161 | 2,269 | 13,295 | 12,739 |
| 363 | Household appliances..... | 1,621 | 1,541 | 1,573 | 1,361 | +5.2 | -2.0 | +19.1 | 1,861 | 1,533 | 1,552 | 1,557 | 9,402 | 8,141 |
| 365 | Radio and TV..... | 1,079 | 1,164 | 996 | 1,052 | -7.3 | +16.9 | +2.6 | 1,196 | 1,042 | 882 | 1,167 | 6,077 | 5,762 |
| 366 | Communication equipment..... | 6,073 | 6,019 | 5,847 | 5,694 | +0.9 | +2.9 | +6.7 | 6,663 | 5,869 | 5,658 | 6,231 | 35,625 | 33,509 |
| 367 | Electronic components..... | 3,932 | 3,953 | 3,798 | 3,556 | -0.5 | +4.1 | +10.6 | 4,243 | 3,973 | 3,876 | 3,836 | 23,901 | 22,188 |
| 364,9 | Other electrical machinery.... | 3,497 | 3,403 | 3,445 | 3,033 | +2.8 | -1.2 | +15.3 | 3,700 | 3,204 | 3,228 | 3,196 | 19,793 | 16,850 |
| 37 | Transportation equipment..... | 27,151 | 26,323 | 26,835 | 26,024 | +3.1 | -1.9 | +4.3 | 28,814 | 27,378 | 28,019 | 27,680 | 168,359 | 159,792 |
| 371 | Motor vehicles and parts..... | 16,427 | 16,320 | 16,762 | 15,963 | +0.7 | -2.6 | +2.9 | 17,728 | 17,512 | 18,145 | 17,301 | 108,448 | 102,988 |
| 372,6 | Aircraft, missiles, and parts. | 8,866 | 8,242 | 8,300 | 8,343 | +7.6 | -0.7 | +6.3 | 9,209 | 8,100 | 8,107 | 8,646 | 49,432 | 46,577 |
| 3731,95 | Shipbuilding and military tank vehicles..... | 877 | 817 | 789 | 916 | +7.3 | +3.5 | -4.3 | 877 | 817 | 789 | 916 | 4,790 | 5,221 |
| 38 | Instruments and related products | 5,251 | 5,216 | 5,167 | 5,030 | +0.7 | +0.9 | +4.4 | 5,674 | 5,185 | 4,972 | 5,428 | 30,839 | 29,959 |
| 381-4 | Scientific and engineering instruments..... | 3,472 | 3,447 | 3,456 | 3,397 | +0.7 | -0.3 | +2.2 | 3,732 | 3,422 | 3,344 | 3,644 | 20,629 | 20,323 |
| 386 | Photographic goods..... | 1,620 | 1,612 | 1,555 | 1,466 | +0.5 | +3.7 | +10.5 | 1,771 | 1,594 | 1,463 | 1,605 | 9,237 | 8,537 |
| 24,25, 39 | All other durable goods..... | 11,146 | 10,836 | 10,875 | 10,096 | +2.9 | -0.4 | +10.4 | 12,100 | 11,118 | 11,199 | 10,953 | 65,655 | 59,602 |
| | Nondurable goods industries..... | 95,999 | 94,452 | 93,211 | 89,355 | +1.6 | +1.3 | +7.4 | 99,381 | 94,073 | 92,286 | 92,594 | 558,902 | 535,617 |
| | With unfilled orders..... | 24,588 | 24,136 | 24,035 | 22,670 | +1.9 | +0.4 | +8.5 | 25,326 | 23,905 | 23,628 | 23,337 | 143,428 | 131,000 |
| 20 | Food and kindred products..... | 27,892 | 27,498 | 27,555 | 26,104 | +1.4 | -0.2 | +6.8 | 28,721 | 27,531 | 26,922 | 26,917 | 163,045 | 152,895 |
| 202 | Dairy products..... | 4,015 | 3,934 | 3,924 | 3,485 | +2.1 | +0.3 | +15.2 | 4,192 | 4,042 | 3,910 | 3,641 | 23,513 | 20,733 |
| 208 | Beverages..... | 3,562 | 3,516 | 3,575 | 3,625 | +1.3 | -1.7 | -1.7 | 4,004 | 3,780 | 3,772 | 4,082 | 21,391 | 21,937 |
| 203-6,9 | All other foods..... | 12,429 | 12,311 | 12,415 | 12,037 | +1.0 | -0.8 | +3.3 | 12,516 | 11,932 | 11,732 | 12,125 | 73,246 | 69,527 |
| 21 | Tobacco products..... | 2,060 | 1,670 | 1,156 | 2,105 | +23.4 | +44.5 | -2.1 | 2,060 | 1,670 | 1,156 | 2,105 | 8,701 | 8,978 |
| 22 | Textile mill products..... | 4,783 | 4,585 | 4,622 | 4,492 | +4.3 | -0.8 | +6.5 | 5,149 | 4,621 | 4,601 | 4,845 | 27,864 | 26,868 |
| 221-4,6, 8,9 | Broadwoven fabrics..... | 2,933 | 2,791 | 2,813 | 2,807 | +5.1 | -0.8 | +4.5 | 3,182 | 2,833 | 2,755 | 3,048 | 17,091 | 16,886 |
| 26 | Paper and allied products..... | 9,636 | 9,547 | 9,451 | 8,488 | +0.9 | +1.0 | +13.5 | 10,151 | 9,591 | 9,516 | 8,944 | 57,836 | 50,590 |
| 261-3,6 | Pulp, paper etc..... | 4,100 | 4,056 | 4,023 | 3,534 | +1.1 | +0.8 | +16.0 | 4,299 | 4,135 | 4,079 | 3,708 | 24,847 | 21,123 |
| 265 | Paperboard containers..... | 2,155 | 2,096 | 2,056 | 1,861 | +2.8 | +1.9 | +15.8 | 2,252 | 2,117 | 2,103 | 1,944 | 12,433 | 11,203 |
| 264 | All other paper products..... | 3,381 | 3,395 | 3,372 | 3,093 | -0.4 | +0.7 | +9.3 | 3,600 | 3,339 | 3,334 | 3,292 | 20,556 | 18,264 |
| 28 | Chemicals and allied products.. | 17,683 | 17,887 | 17,514 | 16,043 | -1.1 | +2.1 | +10.2 | 18,803 | 18,109 | 17,986 | 17,087 | 107,134 | 101,586 |
| 281,6 | Industrial chemicals, except pigments..... | 5,233 | 5,438 | 5,082 | 4,575 | -3.8 | +7.0 | +14.4 | 5,537 | 5,472 | 5,291 | 4,841 | 31,288 | 28,817 |
| 283,4 | Drugs, soaps, and toiletries.. | 5,880 | 5,860 | 5,963 | 5,672 | +0.3 | -1.7 | +3.7 | 6,433 | 5,445 | 5,474 | 6,201 | 35,352 | 33,707 |
| 282,9 | Other chemical products..... | 4,267 | 4,378 | 4,126 | 3,755 | -2.5 | +6.1 | +13.6 | 4,386 | 4,442 | 4,277 | 3,867 | 25,332 | 23,525 |
| 29 | Petroleum and coal products.... | 11,000 | 10,743 | 10,384 | 10,425 | +2.4 | +3.5 | +5.5 | 11,138 | 10,756 | 10,324 | 10,612 | 61,894 | 70,717 |
| 30 | Rubber and plastics products.... | 6,623 | 6,528 | 6,545 | 6,156 | +1.5 | -0.3 | +7.6 | 7,024 | 6,598 | 6,646 | 6,536 | 39,639 | 36,459 |
| 23,27, 31 | All other nondurable goods..... | 16,322 | 15,994 | 15,984 | 15,542 | +2.1 | +0.1 | +5.0 | 16,335 | 15,197 | 15,135 | 15,548 | 92,789 | 87,524 |
| | Market categories: | | | | | | | | | | | | | |
| | Home goods and apparel..... | 13,722 | 13,438 | 13,330 | 12,901 | +2.1 | +0.8 | +6.4 | 14,479 | 12,705 | 12,700 | 13,593 | 78,801 | 74,240 |
| | Consumer staples..... | 40,010 | 39,477 | 38,897 | 38,153 | +1.4 | +1.5 | +4.9 | 41,502 | 39,030 | 37,647 | 39,591 | 231,500 | 217,184 |
| | Equipment and defense products, except automotive..... | 31,980 | 31,151 | 31,169 | 31,118 | +2.7 | -0.1 | +2.8 | 35,276 | 30,713 | 30,460 | 34,277 | 185,928 | 183,460 |
| | Automotive equipment..... | 18,511 | 18,344 | 18,852 | 17,843 | +0.9 | -2.7 | +3.7 | 19,942 | 19,584 | 20,320 | 19,306 | 120,627 | 114,427 |
| | Construction materials, supplies and intermediate products..... | 15,782 | 15,619 | 15,931 | 14,918 | +1.0 | -2.0 | +5.8 | 17,363 | 16,304 | 16,451 | 16,461 | 95,315 | 89,038 |
| | Other materials, supplies, and intermediate products..... | 80,538 | 78,900 | 77,779 | 74,024 | +2.1 | +1.4 | +8.8 | 84,205 | 79,929 | 79,137 | 77,426 | 474,299 | 461,726 |
| | Supplementary series: ² | | | | | | | | | | | | | |
| | Capital goods industries..... | 37,310 | 36,211 | 36,079 | 35,767 | +3.0 | +0.4 | +4.3 | 40,800 | 35,548 | 35,126 | 39,086 | 215,229 | 208,679 |
| | Nondefense..... | 27,831 | 26,974 | 27,319 | 26,649 | +3.2 | -1.3 | +4.4 | 30,934 | 26,464 | 26,564 | 29,616 | 161,523 | 158,183 |
| | Defense..... | 9,479 | 9,237 | 8,760 | 9,118 | +2.6 | +5.4 | +4.0 | 9,866 | 9,084 | 8,562 | 9,470 | 53,706 | 50,496 |
| | Household durable goods industries..... | 6,390 | 6,294 | 6,175 | 6,039 | +1.5 | +1.9 | +5.8 | 6,973 | 6,111 | 6,009 | 6,568 | 37,144 | 34,291 |

See footnotes at end of table 2.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

| SIC Code | Industry | Seasonally adjusted | | | | | | | Not seasonally adjusted ¹ | | | | | |
|----------|--|------------------------|-----------------------|-----------|------------------------|-----------------------|-----------------------|------------|--------------------------------------|-----------------------|-----------|-----------|-------------------|-----------|
| | | Monthly | | | | Percent change | | | Monthly | | | | Year to date | |
| | | June 1987 ^P | May 1987 ^F | Apr. 1987 | June 1986 ^F | May-June ^P | Apr.-May ^F | June-87/86 | June 1987 ^P | May 1987 ^F | Apr. 1987 | June 1986 | 1987 ^P | 1986 |
| | All manufacturing industries | 204,816 | 201,397 | 200,624 | 187,022 | +1.7 | +0.4 | +9.5 | 213,538 | 200,163 | 200,818 | 195,514 | 1,200,732 | 1,144,207 |
| | Manufacturing industries with unfilled orders..... | 113,340 | 111,393 | 111,258 | 102,015 | +1.7 | +0.1 | +11.1 | 117,490 | 108,799 | 110,404 | 106,094 | 658,115 | 623,128 |
| | Durable goods industries..... | 108,720 | 106,992 | 106,977 | 97,899 | +1.6 | 0.0 | +11.1 | 114,052 | 106,201 | 108,067 | 103,133 | 639,679 | 608,210 |
| | With unfilled orders..... | 88,655 | 87,304 | 86,787 | 79,577 | +1.5 | +0.6 | +11.4 | 92,059 | 85,005 | 86,311 | 82,970 | 512,536 | 491,748 |
| 32 | Stone, clay, and glass products. | 4,917 | 4,986 | 5,037 | 4,748 | -1.4 | -1.0 | +3.6 | 5,322 | 5,150 | 5,223 | 5,150 | 30,115 | 28,438 |
| 33 | Primary metals..... | 9,881 | 9,509 | 9,285 | 8,363 | +3.9 | +2.4 | +18.2 | 9,749 | 8,930 | 9,619 | 8,233 | 55,536 | 53,448 |
| 331 | Iron and steel mills..... | 4,536 | 4,241 | 4,381 | 3,641 | +7.0 | -3.2 | +24.6 | 4,145 | 3,645 | 4,517 | 3,349 | 24,248 | 22,822 |
| 332 | Nonferrous and other primary metals..... | 726 | 870 | 755 | 860 | -16.6 | +15.2 | -15.6 | 803 | 860 | 819 | 933 | 4,906 | 5,676 |
| 333-9 | Fabricated metal products..... | 4,619 | 4,398 | 4,149 | 3,862 | +5.0 | +6.0 | +19.6 | 4,801 | 4,425 | 4,283 | 3,951 | 26,382 | 24,950 |
| 34 | Machinery, except electrical.... | 11,613 | 11,036 | 11,219 | 11,395 | +5.2 | -1.6 | +1.9 | 12,324 | 11,380 | 11,347 | 12,137 | 68,698 | 68,827 |
| 35 | Engines and turbines..... | 17,028 | 17,583 | 17,667 | 16,479 | -3.2 | -0.5 | +3.3 | 19,183 | 17,810 | 17,891 | 18,708 | 104,724 | 101,992 |
| 351 | Construction, mining, and material handling equipment.. | 781 | 1,398 | 1,274 | 1,029 | -44.1 | +9.7 | -24.1 | 844 | 1,470 | 1,302 | 1,078 | 6,775 | 7,217 |
| 353 | Metalworking machinery..... | 2,099 | 2,023 | 2,174 | 1,947 | +3.8 | -6.9 | +7.8 | 2,231 | 2,121 | 2,236 | 2,090 | 12,393 | 13,338 |
| 354 | Office and computing machines.. | 671 | 707 | 735 | 567 | -5.1 | -3.8 | +18.3 | 763 | 701 | 725 | 684 | 4,380 | 4,275 |
| 357 | Electrical machinery..... | 4,546 | 4,846 | 4,863 | 4,765 | -6.2 | -0.3 | +4.6 | 5,705 | 4,686 | 4,576 | 6,021 | 26,833 | 25,284 |
| 36 | Electrical transmission and distribution equipment and industrial apparatus..... | 19,694 | 18,353 | 19,709 | 18,095 | +7.3 | -6.9 | +8.8 | 20,763 | 17,565 | 18,647 | 18,906 | 108,664 | 102,544 |
| 361,2 | Household appliances..... | 2,260 | 2,169 | 2,204 | 1,975 | +4.2 | -1.6 | +14.4 | 2,398 | 2,136 | 2,160 | 2,096 | 13,322 | 12,378 |
| 363 | Radio and TV..... | 1,616 | 1,526 | 1,543 | 1,361 | +5.9 | -1.1 | +18.7 | 1,854 | 1,532 | 1,533 | 1,550 | 9,374 | 8,146 |
| 365 | Communication equipment..... | 1,027 | 1,273 | 942 | 1,022 | -19.3 | +35.1 | +0.5 | 1,144 | 1,151 | 828 | 1,137 | 5,987 | 5,752 |
| 366 | Electronic components..... | 7,086 | 5,658 | 7,491 | 6,968 | +25.2 | -24.5 | +1.7 | 7,297 | 5,116 | 6,533 | 7,054 | 35,343 | 36,907 |
| 367 | Other electrical machinery.... | 4,195 | 4,311 | 4,094 | 3,651 | -2.7 | +5.3 | +14.9 | 4,363 | 4,400 | 4,345 | 3,799 | 24,808 | 22,267 |
| 364,9 | Transportation equipment..... | 3,510 | 3,416 | 3,435 | 3,118 | +2.8 | -0.6 | +12.6 | 3,707 | 3,230 | 3,248 | 3,270 | 19,830 | 17,094 |
| 37 | Aircraft, missiles, and parts.. | 29,015 | 29,571 | 28,028 | 23,822 | -1.9 | +5.5 | +21.8 | 28,741 | 28,901 | 29,025 | 23,742 | 173,559 | 162,520 |
| 372,6 | Shipbuilding and military tank vehicles..... | 9,678 | 10,277 | 9,055 | 6,253 | -5.8 | +13.5 | +54.8 | 8,338 | 8,918 | 8,774 | 5,076 | 52,060 | 49,221 |
| 3731,95 | Instrumental and related products | 1,851 | 1,737 | 1,092 | 925 | +6.6 | +59.1 | +100.1 | 1,649 | 1,488 | 1,167 | 721 | 6,896 | 5,449 |
| 38 | Scientific and engineering instruments..... | 5,432 | 5,189 | 5,235 | 4,969 | +4.7 | -0.9 | +9.3 | 5,861 | 5,161 | 5,046 | 5,372 | 31,327 | 29,832 |
| 381-4 | All other durable goods..... | 3,621 | 3,409 | 3,488 | 3,357 | +6.2 | -2.3 | +7.9 | 3,881 | 3,384 | 3,376 | 3,604 | 20,903 | 20,142 |
| 24,25,39 | Nondurable goods industries..... | 11,140 | 10,765 | 10,797 | 10,028 | +3.5 | -0.3 | +11.1 | 12,109 | 11,304 | 11,269 | 10,885 | 67,056 | 60,609 |
| | With unfilled orders..... | 96,096 | 94,405 | 93,647 | 89,123 | +1.8 | +0.8 | +7.8 | 99,486 | 93,962 | 92,751 | 92,381 | 561,053 | 535,997 |
| | Market categories: | 24,685 | 24,089 | 24,471 | 22,438 | +2.5 | -1.6 | +10.0 | 25,431 | 23,794 | 24,093 | 23,124 | 145,579 | 131,380 |
| | Home goods and apparel..... | 13,658 | 13,472 | 13,320 | 12,774 | +1.4 | +1.1 | +6.9 | 14,335 | 12,844 | 12,760 | 13,395 | 80,102 | 75,275 |
| | Consumer articles..... | 39,992 | 39,434 | 38,906 | 38,125 | +1.4 | +1.4 | +4.9 | 41,441 | 38,943 | 37,653 | 39,519 | 231,349 | 217,159 |
| | Equipment and defense products, except automotive..... | 34,256 | 35,175 | 33,471 | 30,911 | -2.6 | +5.1 | +10.8 | 35,245 | 33,203 | 32,384 | 31,979 | 191,735 | 186,073 |
| | Automotive equipment..... | 18,523 | 18,577 | 18,967 | 17,738 | -0.3 | -2.1 | +4.4 | 19,902 | 19,558 | 20,261 | 19,149 | 120,945 | 114,238 |
| | Construction materials, supplies and intermediate products..... | 15,787 | 15,607 | 15,830 | 14,859 | +1.2 | -1.4 | +6.2 | 17,328 | 16,372 | 16,410 | 16,373 | 95,363 | 89,236 |
| | Other materials, supplies, and intermediate products..... | 82,600 | 79,132 | 80,130 | 72,615 | +4.4 | -1.2 | +13.8 | 85,287 | 79,243 | 81,350 | 75,099 | 481,238 | 462,226 |
| | Supplementary series: ² | | | | | | | | | | | | | |
| | Capital goods industries..... | 40,188 | 39,472 | 39,316 | 34,165 | +1.8 | +0.4 | +17.6 | 41,238 | 37,094 | 37,829 | 35,261 | 221,938 | 212,178 |
| | Nondefense..... | 29,569 | 30,031 | 28,310 | 25,851 | -1.5 | +6.1 | +14.4 | 32,496 | 29,664 | 27,803 | 28,730 | 169,793 | 157,157 |
| | Defense..... | 10,619 | 9,441 | 11,006 | 8,314 | +12.5 | -14.2 | +27.7 | 8,742 | 7,430 | 10,026 | 6,531 | 52,145 | 55,021 |
| | Household durable goods industries..... | 6,340 | 6,353 | 6,100 | 5,946 | -0.2 | +4.1 | +6.6 | 6,879 | 6,252 | 5,975 | 6,423 | 38,029 | 35,208 |

^P Preliminary. ^F Revised.¹ Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.² The supplementary series are groupings of the separate industry categories: Household durable goods industries include household furniture; kitchen articles and pottery; cutlery, hand tools, and hardware; household appliances, radio and TV, ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Nondefense capital goods include machinery, except electrical (excluding farm machinery and equipment and machine shops); electrical machinery (excluding household appliances, radio and TV, and electronic components); railroad equipment; and the nondefense portions of ordnance; communication equipment; aircraft and aircraft parts; and shipbuilding, converting and repairing.

Defense capital goods include ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding converting and repairing. The defense data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

| (Millions of dollars) | | | | | | | | | | | | |
|-----------------------|--|------------------------|-----------------------|-----------|------------------------|-----------------------|-----------------------|------------|--------------------------------------|-----------------------|-----------|-----------|
| SIC Code | Industry | Seasonally adjusted | | | | | | | Not seasonally adjusted ¹ | | | |
| | | End of month | | | | Percent change | | | End of month | | | |
| | | June 1987 ^P | May 1987 ^E | Apr. 1987 | June 1986 ^E | May-June ^P | Apr.-May ^E | June-87/86 | June 1987 ^P | May 1987 ^E | Apr. 1987 | June 1986 |
| | All manufacturing industries..... | 384,627 | 380,354 | 375,886 | 373,842 | +1.1 | +1.2 | +2.9 | 384,672 | 383,901 | 382,003 | 374,059 |
| | Durable goods industries..... | 371,686 | 367,510 | 362,995 | 363,276 | +1.1 | +1.2 | +2.3 | 371,647 | 370,981 | 368,972 | 363,426 |
| 32 | Stone, clay, and glass products..... | 2,471 | 2,494 | 2,469 | 2,643 | -0.9 | +1.0 | -6.5 | 2,532 | 2,582 | 2,576 | 2,708 |
| 33 | Primary metals..... | 19,505 | 18,688 | 17,822 | 16,090 | +4.4 | +4.9 | +21.2 | 19,183 | 19,177 | 19,281 | 15,845 |
| 331 | Blast furnaces, steel mills..... | 10,959 | 10,282 | 9,762 | 8,145 | +6.6 | +5.3 | +34.5 | 10,532 | 10,593 | 10,876 | 7,821 |
| 332 | Iron and steel foundries..... | 2,693 | 2,727 | 2,597 | 2,632 | -1.2 | +5.0 | +2.3 | 2,698 | 2,729 | 2,656 | 2,631 |
| 333-9 | Nonferrous and other primary metals..... | 5,853 | 5,679 | 5,463 | 5,313 | +3.1 | +4.0 | +10.2 | 5,953 | 5,855 | 5,749 | 5,393 |
| 34 | Fabricated metal products..... | 18,815 | 18,415 | 18,441 | 19,283 | +2.2 | -0.1 | -2.4 | 19,007 | 18,630 | 18,567 | 19,494 |
| 35 | Machinery, except electrical..... | 55,736 | 56,017 | 55,544 | 57,619 | -0.5 | +0.9 | -3.3 | 56,141 | 56,586 | 55,963 | 58,058 |
| 351 | Engines and turbines..... | 14,286 | 14,693 | 14,460 | 16,231 | -2.8 | +1.6 | -12.0 | 14,104 | 14,552 | 14,317 | 16,044 |
| 353 | Construction, mining, and material handling equipment..... | 4,351 | 4,354 | 4,378 | 4,690 | -0.1 | -0.5 | -7.2 | 4,329 | 4,410 | 4,413 | 4,670 |
| 354 | Metalworking machinery..... | 2,965 | 3,098 | 3,147 | 3,437 | -4.3 | -1.6 | -13.7 | 2,938 | 3,061 | 3,082 | 3,409 |
| 357 | Office and computing machines..... | 18,934 | 18,980 | 18,811 | 18,909 | -0.2 | +0.9 | +0.1 | 19,597 | 19,540 | 19,142 | 19,610 |
| 36 | Electrical machinery..... | 92,880 | 91,656 | 91,629 | 93,483 | +1.3 | 0.0 | -0.6 | 93,141 | 92,486 | 92,750 | 93,738 |
| 361,2 | Electrical transmission and distribution equipment and industrial apparatus..... | 5,351 | 5,359 | 5,436 | 5,402 | -0.1 | -1.4 | -0.9 | 5,355 | 5,402 | 5,474 | 5,407 |
| 363 | Household appliances..... | 220 | 225 | 240 | 327 | -2.2 | -6.3 | -32.7 | 235 | 242 | 243 | 349 |
| 365 | Radio and TV..... | 273 | 325 | 216 | 425 | -16.0 | +50.5 | -35.8 | 273 | 325 | 216 | 425 |
| 366 | Communication equipment..... | 69,004 | 67,991 | 68,352 | 69,200 | +1.5 | -0.5 | -0.3 | 69,004 | 68,370 | 69,123 | 69,187 |
| 367 | Electronic components..... | 16,294 | 16,031 | 15,673 | 16,305 | +1.6 | +2.3 | -0.1 | 16,538 | 16,418 | 15,991 | 16,550 |
| 364,9 | Other electrical machinery..... | 1,738 | 1,725 | 1,712 | 1,824 | +0.8 | +0.8 | -4.7 | 1,736 | 1,729 | 1,703 | 1,820 |
| 37 | Transportation equipment..... | 167,783 | 165,919 | 162,671 | 160,671 | +1.1 | +2.0 | +4.4 | 166,989 | 167,062 | 165,539 | 159,957 |
| 372,6 | Aircraft, missiles, and parts..... | 141,911 | 141,099 | 139,064 | 136,275 | +0.6 | +1.5 | +4.1 | 141,354 | 142,225 | 141,407 | 135,815 |
| 3731,95 | Shipbuilding and military tank vehicles..... | 19,490 | 18,516 | 17,596 | 18,247 | +5.3 | +5.2 | +6.8 | 19,452 | 18,680 | 18,009 | 18,187 |
| 38 | Instruments and related products..... | 8,649 | 8,468 | 8,495 | 8,333 | +2.1 | -0.3 | +3.8 | 8,663 | 8,476 | 8,500 | 8,345 |
| 381-4 | Scientific and engineering instruments..... | 7,678 | 7,529 | 7,567 | 7,405 | +2.0 | -0.5 | +3.7 | 7,678 | 7,529 | 7,567 | 7,405 |
| 24,25, 39 | All other durable goods..... | 5,847 | 5,853 | 5,924 | 5,154 | -0.1 | -1.2 | +13.4 | 5,991 | 5,982 | 5,796 | 5,281 |
| | Nondurable goods industries..... | 12,941 | 12,844 | 12,891 | 10,566 | +0.8 | -0.4 | +22.5 | 13,025 | 12,920 | 13,031 | 10,633 |
| | Market categories: | | | | | | | | | | | |
| | Home goods and apparel..... | 4,581 | 4,645 | 4,611 | 4,241 | -1.4 | +0.7 | +8.0 | 4,633 | 4,777 | 4,638 | 4,298 |
| | Consumer staples..... | 685 | 703 | 746 | 821 | -2.6 | -5.8 | -16.6 | 612 | 673 | 760 | 736 |
| | Equipment and defense products, except automotive..... | 243,645 | 241,369 | 237,345 | 239,059 | +0.9 | +1.7 | +1.9 | 243,794 | 243,825 | 241,335 | 239,285 |
| | Automotive equipment..... | 6,021 | 6,009 | 5,776 | 5,736 | +0.2 | +4.0 | +5.0 | 5,822 | 5,862 | 5,888 | 5,542 |
| | Construction materials, supplies and intermediate products..... | 9,918 | 9,913 | 9,925 | 10,424 | +0.1 | -0.1 | -4.9 | 10,136 | 10,171 | 10,103 | 10,659 |
| | Other materials, supplies, and intermediate products..... | 119,777 | 117,715 | 117,483 | 113,561 | +1.8 | +0.2 | +5.5 | 119,675 | 118,593 | 119,279 | 113,539 |
| | Supplementary series: ² | | | | | | | | | | | |
| | Capital goods industries..... | 296,227 | 293,349 | 290,088 | 291,422 | +1.0 | +1.1 | +1.6 | 296,023 | 295,585 | 294,039 | 291,312 |
| | Nondefense..... | 134,899 | 133,161 | 130,104 | 127,275 | +1.3 | +2.3 | +6.0 | 135,290 | 133,728 | 130,528 | 127,698 |
| | Defense..... | 161,328 | 160,188 | 159,984 | 164,147 | +0.7 | +0.1 | -1.7 | 160,733 | 161,857 | 163,511 | 163,614 |
| | Household durable goods industries..... | 3,831 | 3,881 | 3,822 | 3,681 | -1.3 | +1.5 | +4.1 | 3,845 | 3,939 | 3,798 | 3,704 |

See footnotes at end of table 2.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

| SIC Code | Industry | (Millions of dollars) | | | | | | | | | | |
|-----------------|--|-----------------------|--------------|--------------|---------------|----------------|---------------|----------------|--------------------------------------|--------------|--------------|--------------|
| | | Seasonally adjusted | | | | | | | Not seasonally adjusted ¹ | | | |
| | | End of month | | | | Percent change | | | End of month | | | |
| | | June 1987P | May 1987P | Apr. 1987 | June 1986P | May- JuneP | Apr.- MayP | June- 87/86 | June 1987P | May 1987P | Apr. 1987 | June 1986 |
| | All manufacturing industries..... | 321,403 | 321,848 | 320,785 | 321,261 | -0.1 | +0.3 | 0.0 | 322,317 | 324,696 | 322,978 | 322,241 |
| | Manufacturing industries with unfilled orders..... | 217,540 | 218,367 | 217,881 | 219,521 | -0.4 | +0.2 | -0.9 | 219,620 | 221,106 | 219,526 | 221,608 |
| | Durable goods industries..... | 208,185 | 209,096 | 208,683 | 211,063 | -0.4 | +0.2 | -1.4 | 209,513 | 211,505 | 210,363 | 212,426 |
| | With unfilled orders..... | 190,954 | 191,763 | 191,502 | 194,248 | -0.4 | +0.1 | -1.7 | 192,588 | 194,113 | 192,803 | 195,893 |
| 32 | Stone, clay, and glass products..... | 6,937 | 7,015 | 6,988 | 6,988 | -1.1 | +0.4 | -0.7 | 7,076 | 7,228 | 7,167 | 7,125 |
| 33 | Primary metals..... | 16,208 | 16,312 | 16,520 | 18,259 | -0.6 | -1.3 | -11.2 | 16,419 | 16,523 | 16,610 | 18,490 |
| 331 | Blast furnaces, steel mills..... | 7,252 | 7,287 | 7,381 | 8,813 | -0.5 | -1.3 | -17.7 | 7,354 | 7,334 | 7,230 | 8,929 |
| 332 | Iron and steel foundries..... | 1,195 | 1,186 | 1,165 | 1,165 | +0.8 | +1.8 | +2.6 | 1,211 | 1,229 | 1,228 | 1,180 |
| 333-9 | Nonferrous and other primary metals..... | 7,761 | 7,839 | 7,974 | 8,281 | -1.0 | -1.7 | -6.3 | 7,854 | 7,960 | 8,152 | 8,381 |
| 34 | Fabricated metal products..... | 21,207 | 21,343 | 21,366 | 21,740 | -0.6 | -0.1 | -2.5 | 21,634 | 21,662 | 21,692 | 22,180 |
| 35 | Machinery, except electrical..... | 40,760 | 41,092 | 41,228 | 43,078 | -0.8 | -0.3 | -5.4 | 40,826 | 41,591 | 41,558 | 43,160 |
| 351 | Engines and turbines..... | 2,827 | 2,796 | 2,833 | 2,765 | +1.1 | -1.3 | +2.2 | 2,855 | 2,850 | 2,832 | 2,791 |
| 353 | Construction, mining, and material handling equipment..... | 6,517 | 6,555 | 6,678 | 7,192 | -0.6 | -1.8 | -9.4 | 6,484 | 6,613 | 6,715 | 7,161 |
| 354 | Metalworking machinery..... | 2,904 | 2,929 | 2,962 | 2,861 | -0.9 | -1.1 | +1.5 | 2,924 | 2,983 | 2,989 | 2,885 |
| 357 | Office and computing machines..... | 9,688 | 9,777 | 9,650 | 11,014 | -0.9 | +1.3 | -12.0 | 9,678 | 9,968 | 9,747 | 11,009 |
| 36 | Electrical machinery..... | 39,094 | 39,277 | 39,164 | 39,082 | -0.5 | +0.3 | 0.0 | 39,643 | 39,880 | 39,474 | 39,637 |
| 361,2 | Electrical transmission and distribution equipment and industrial apparatus..... | 4,877 | 4,947 | 5,008 | 5,038 | -1.4 | -1.2 | -3.2 | 4,926 | 5,021 | 5,043 | 5,091 |
| 363 | Household appliances..... | 2,640 | 2,746 | 2,727 | 2,782 | -3.9 | +0.7 | -5.1 | 2,790 | 2,959 | 2,916 | 2,940 |
| 365 | Radio and TV..... | 1,678 | 1,726 | 1,771 | 1,605 | -2.8 | -2.5 | +4.5 | 1,769 | 1,782 | 1,750 | 1,693 |
| 366 | Communication equipment..... | 16,362 | 16,344 | 16,249 | 16,277 | +0.1 | +0.6 | +0.5 | 16,377 | 16,406 | 16,278 | 16,294 |
| 367 | Electronic components..... | 7,804 | 7,759 | 7,693 | 7,649 | +0.6 | +0.9 | +2.0 | 7,905 | 7,827 | 7,694 | 7,743 |
| 364,9 | Other electrical machinery..... | 5,733 | 5,755 | 5,716 | 5,731 | -0.4 | +0.7 | 0.0 | 5,876 | 5,885 | 5,793 | 5,876 |
| 37 | Transportation equipment..... | 54,147 | 54,084 | 53,735 | 53,274 | +0.1 | +0.6 | +1.6 | 53,972 | 54,306 | 53,887 | 53,069 |
| 371 | Motor vehicles and parts..... | 11,155 | 11,188 | 11,082 | 11,213 | -0.3 | +1.0 | -0.5 | 10,703 | 11,046 | 11,150 | 10,772 |
| 372,6 | Aircraft, missiles, and parts..... | 39,150 | 39,035 | 38,749 | 38,455 | +0.3 | +0.7 | +1.8 | 39,484 | 39,417 | 38,889 | 38,749 |
| 3731,95 | Shipbuilding and military tank vehicles..... | 2,083 | 2,097 | 2,153 | 1,804 | -0.7 | -2.6 | +15.5 | 2,082 | 2,106 | 2,160 | 1,805 |
| 38 | Instruments and related products..... | 12,459 | 12,544 | 12,459 | 12,522 | -0.7 | +0.7 | -0.5 | 12,664 | 12,786 | 12,563 | 12,729 |
| 381-4 | Scientific and engineering instruments..... | 8,924 | 9,005 | 8,937 | 9,094 | -0.9 | +0.8 | -1.9 | 9,022 | 9,131 | 8,986 | 9,197 |
| 386 | Photographic goods..... | 2,882 | 2,895 | 2,903 | 2,849 | -0.4 | -0.3 | +1.2 | 2,960 | 2,990 | 2,943 | 2,927 |
| 24,25, 39 | All other durable goods..... | 17,373 | 17,429 | 17,223 | 16,120 | -0.3 | +1.2 | +7.8 | 17,279 | 17,529 | 17,412 | 16,036 |
| | Nondurable goods industries..... | 113,218 | 112,752 | 112,102 | 110,198 | +0.4 | +0.6 | +2.7 | 112,804 | 113,191 | 112,615 | 109,815 |
| | With unfilled orders..... | 26,586 | 26,604 | 26,379 | 25,273 | -0.1 | +0.9 | +5.2 | 27,032 | 26,993 | 26,723 | 25,715 |
| 20 | Food and kindred products..... | 24,786 | 24,211 | 23,880 | 23,652 | +2.4 | +1.4 | +4.8 | 23,493 | 23,418 | 23,383 | 22,426 |
| 202 | Dairy products..... | 2,213 | 2,190 | 2,113 | 1,817 | +1.1 | +3.6 | +21.8 | 2,257 | 2,257 | 2,166 | 1,853 |
| 208 | Beverages..... | 4,519 | 4,534 | 4,578 | 4,714 | -0.3 | -1.0 | -4.1 | 4,546 | 4,623 | 4,737 | 4,744 |
| 203-6,9 | All other foods..... | 14,661 | 14,135 | 13,952 | 14,065 | +3.7 | +1.3 | +4.2 | 13,415 | 13,215 | 13,187 | 12,872 |
| 21 | Tobacco products..... | 5,931 | 5,803 | 5,712 | 5,603 | +2.2 | +1.6 | +5.9 | 5,534 | 5,707 | 5,812 | 5,228 |
| 22 | Textile mill products..... | 6,757 | 6,810 | 6,868 | 6,975 | -0.8 | -0.8 | -3.1 | 6,899 | 6,986 | 7,005 | 7,103 |
| 221-4,6, 8,9 | Broadwoven fabrics..... | 3,709 | 3,777 | 3,829 | 4,061 | -1.8 | -1.4 | -8.7 | 3,761 | 3,837 | 3,911 | 4,104 |
| 26 | Paper and allied products..... | 10,953 | 10,909 | 10,817 | 10,111 | +0.4 | +0.9 | +8.3 | 11,105 | 11,107 | 11,017 | 10,255 |
| 261-3,6 | Pulp, paper etc..... | 4,172 | 4,201 | 4,187 | 3,929 | -0.7 | +0.3 | +6.2 | 4,201 | 4,250 | 4,230 | 3,958 |
| 265 | Paperboard containers..... | 2,772 | 2,773 | 2,731 | 2,414 | 0.0 | +1.5 | +14.8 | 2,802 | 2,799 | 2,774 | 2,442 |
| 264 | All other paper products..... | 4,009 | 3,935 | 3,899 | 3,768 | +1.9 | +0.9 | +6.4 | 4,102 | 4,058 | 4,013 | 3,855 |
| 28 | Chemicals and allied products..... | 26,471 | 26,783 | 26,867 | 25,925 | -1.2 | -0.3 | +2.1 | 26,484 | 26,886 | 27,043 | 25,901 |
| 281,6 | Industrial chemicals, except pigments..... | 7,740 | 7,991 | 8,085 | 7,885 | -3.1 | -1.2 | -1.8 | 7,740 | 7,991 | 8,085 | 7,885 |
| 283,4 | Drugs, soaps, and toiletries..... | 8,910 | 8,712 | 8,670 | 8,249 | +2.3 | +0.5 | +8.0 | 9,070 | 8,914 | 8,784 | 8,398 |
| 282,9 | Other chemical products..... | 6,282 | 6,432 | 6,452 | 5,872 | -2.3 | -0.3 | +7.0 | 6,282 | 6,448 | 6,501 | 5,870 |
| 29 | Petroleum and coal products..... | 10,309 | 10,227 | 10,290 | 10,947 | +0.8 | -0.6 | -5.8 | 10,254 | 10,248 | 10,104 | 10,881 |
| 30 | Rubber and plastics products..... | 8,629 | 8,677 | 8,565 | 8,466 | +0.6 | +1.3 | +1.9 | 8,809 | 8,938 | 8,868 | 8,650 |
| 23,27, 31 | All other nondurable goods..... | 19,382 | 19,332 | 19,103 | 18,519 | +0.3 | +1.2 | +4.7 | 20,226 | 19,901 | 19,383 | 19,371 |
| | Market categories: | | | | | | | | | | | |
| | Home goods and apparel..... | 25,554 | 25,783 | 25,666 | 24,696 | -0.9 | +0.5 | +3.5 | 26,667 | 26,779 | 26,154 | 25,805 |
| | Consumer staples..... | 42,855 | 41,988 | 41,580 | 40,725 | +2.1 | +1.0 | +5.2 | 41,476 | 41,371 | 41,337 | 39,411 |
| | Equipment and defense products, except automotive..... | 92,047 | 92,316 | 92,173 | 94,269 | -0.3 | +0.2 | -2.4 | 92,253 | 93,275 | 92,693 | 94,503 |
| | Automotive equipment..... | 13,515 | 13,591 | 13,486 | 13,827 | -0.6 | +0.8 | -2.3 | 13,049 | 13,495 | 13,573 | 13,374 |
| | Construction materials, supplies and intermediate products..... | 23,141 | 23,186 | 23,015 | 22,597 | -0.2 | +0.7 | +2.4 | 23,391 | 23,518 | 23,469 | 22,849 |
| | Other materials, supplies, and intermediate products..... | 124,291 | 124,984 | 124,865 | 125,147 | -0.6 | +0.1 | -0.7 | 125,481 | 126,258 | 125,752 | 126,299 |
| | Supplementary series: ² | | | | | | | | | | | |
| | Capital goods industries..... | 106,539 | 106,804 | 106,652 | 107,801 | -0.2 | +0.1 | -1.2 | 107,262 | 108,021 | 107,272 | 108,516 |
| | Nondefense..... | 71,710 | 71,938 | 71,936 | 74,252 | -0.3 | 0.0 | -3.4 | 71,942 | 72,739 | 72,364 | 74,488 |
| | Defense..... | 34,829 | 34,866 | 34,716 | 33,549 | -0.1 | +0.4 | +3.8 | 35,320 | 35,282 | 34,908 | 34,028 |
| | Household durable goods industries..... | 13,045 | 13,295 | 13,196 | 12,500 | -1.9 | +0.8 | +4.4 | 13,393 | 13,694 | 13,418 | 12,853 |

See footnotes at end of table 2.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP

(Millions of dollars)

| SIC Code | Industry | Seasonally adjusted | | | | | | | Not seasonally adjusted ¹ | | | | |
|------------------------|---------------------------------------|---------------------|--------------------------|--------------|---------------------------|----------------|---------------------------|----------------|--------------------------------------|--------------------------|--------------|--------------|--|
| | | End of month | | | | Percent change | | | End of month | | | | |
| | | June 1987P | May 1987 ^r | Apr. 1987 | June 1986 ^r | May- JuneP | Apr.- May ^r | June- 87/86 | June 1987P | May 1987 ^r | Apr. 1987 | June 1986 | |
| MATERIALS AND SUPPLIES | | | | | | | | | | | | | |
| | All manufacturing industries..... | 103,745 | 103,768 | 103,394 | 102,504 | 0.0 | +0.4 | +1.2 | 103,308 | 103,482 | 103,502 | 102,047 | |
| | Durable goods industries..... | 59,462 | 59,723 | 59,770 | 60,326 | -0.4 | -0.1 | -1.4 | 59,276 | 59,469 | 59,550 | 60,102 | |
| 32 | Stone, clay, and glass products..... | 2,204 | 2,238 | 2,225 | 2,269 | -1.5 | +0.6 | -2.9 | 2,203 | 2,236 | 2,222 | 2,265 | |
| 33 | Primary metals..... | 5,060 | 5,127 | 5,363 | 5,840 | -1.3 | -4.4 | -13.4 | 5,015 | 4,993 | 5,150 | 5,783 | |
| 34 | Fabricated metal products..... | 7,318 | 7,314 | 7,312 | 7,951 | +0.1 | 0.0 | -8.0 | 7,344 | 7,295 | 7,348 | 7,980 | |
| 35 | Machinery, except electrical..... | 11,695 | 11,625 | 11,702 | 11,789 | +0.6 | -0.7 | -0.8 | 11,665 | 11,646 | 11,718 | 11,707 | |
| 36 | Electrical machinery..... | 10,532 | 10,534 | 10,428 | 10,518 | 0.0 | +1.0 | +0.1 | 10,575 | 10,564 | 10,484 | 10,562 | |
| 37 | Transportation equipment..... | 11,924 | 12,086 | 12,170 | 11,845 | -1.3 | -0.7 | +0.7 | 11,949 | 12,144 | 12,221 | 11,888 | |
| 38 | Instruments and related products..... | 4,175 | 4,204 | 4,122 | 3,999 | -0.7 | +2.0 | +4.4 | 4,192 | 4,215 | 4,128 | 4,023 | |
| 24,25, 39 | All other durable goods..... | 6,554 | 6,595 | 6,448 | 6,115 | -0.6 | +2.3 | +7.2 | 6,333 | 6,376 | 6,279 | 5,894 | |
| | Nondurable goods industries..... | 44,283 | 44,045 | 43,624 | 42,178 | +0.5 | +1.0 | +5.0 | 44,032 | 44,013 | 43,952 | 41,945 | |
| 20 | Food and kindred products..... | 9,237 | 9,151 | 8,905 | 8,531 | +0.9 | +2.8 | +8.3 | 8,999 | 9,035 | 9,035 | 8,311 | |
| 21 | Tobacco products..... | 5,003 | 4,884 | 4,821 | 4,682 | +2.4 | +1.3 | +6.9 | 4,674 | 4,791 | 4,823 | 4,369 | |
| 22 | Textile mill products..... | 1,842 | 1,857 | 1,854 | 2,002 | -0.8 | +0.2 | -8.0 | 1,894 | 1,921 | 1,904 | 2,055 | |
| 26 | Paper and allied products..... | 5,706 | 5,632 | 5,618 | 5,174 | +1.3 | +0.2 | +10.3 | 5,741 | 5,645 | 5,667 | 5,209 | |
| 28 | Chemicals and allied products..... | 8,857 | 8,973 | 8,984 | 8,784 | -1.3 | -0.1 | +0.8 | 8,866 | 8,981 | 8,992 | 8,781 | |
| 29 | Petroleum and coal products..... | 3,050 | 3,017 | 3,002 | 3,137 | +1.1 | +0.5 | -2.8 | 3,072 | 3,059 | 3,016 | 3,171 | |
| 30 | Rubber and plastics products..... | 3,305 | 3,300 | 3,212 | 3,088 | +0.2 | +2.7 | +7.0 | 3,381 | 3,348 | 3,250 | 3,166 | |
| 23,27, 31 | All other nondurable goods..... | 7,283 | 7,231 | 7,228 | 6,780 | +0.7 | 0.0 | +7.4 | 7,405 | 7,233 | 7,265 | 6,883 | |
| WORK IN PROCESS | | | | | | | | | | | | | |
| | All manufacturing industries..... | 114,208 | 113,797 | 113,167 | 114,960 | +0.4 | +0.6 | -0.7 | 114,399 | 114,728 | 113,847 | 115,121 | |
| | Durable goods industries..... | 96,002 | 95,768 | 95,335 | 97,565 | +0.2 | +0.5 | -1.6 | 96,177 | 96,543 | 95,891 | 97,731 | |
| 32 | Stone, clay, and glass products..... | 994 | 986 | 981 | 1,025 | +0.8 | +0.5 | -3.0 | 1,009 | 996 | 1,009 | 1,042 | |
| 33 | Primary metals..... | 6,446 | 6,452 | 6,388 | 6,757 | -0.1 | +1.0 | -4.6 | 6,518 | 6,561 | 6,474 | 6,827 | |
| 34 | Fabricated metal products..... | 7,407 | 7,515 | 7,606 | 7,434 | -1.4 | -1.2 | -0.4 | 7,552 | 7,654 | 7,697 | 7,589 | |
| 35 | Machinery, except electrical..... | 16,961 | 16,805 | 16,705 | 18,373 | +0.9 | +0.6 | -7.7 | 16,919 | 16,904 | 16,912 | 18,362 | |
| 36 | Electrical machinery..... | 20,021 | 20,088 | 19,997 | 20,004 | -0.3 | +0.5 | +0.1 | 20,142 | 20,247 | 20,003 | 20,128 | |
| 37 | Transportation equipment..... | 35,923 | 35,610 | 35,228 | 35,551 | +0.9 | +1.1 | +1.0 | 35,710 | 35,744 | 35,303 | 35,282 | |
| 38 | Instruments and related products..... | 4,729 | 4,765 | 4,789 | 5,013 | -0.8 | -0.5 | -5.7 | 4,834 | 4,887 | 4,835 | 5,122 | |
| 24,25, 39 | All other durable goods..... | 3,521 | 3,547 | 3,641 | 3,408 | -0.7 | -2.6 | +3.3 | 3,493 | 3,550 | 3,658 | 3,379 | |
| | Nondurable goods industries..... | 18,206 | 18,029 | 17,832 | 17,395 | +1.0 | +1.1 | +4.7 | 18,222 | 18,185 | 17,956 | 17,390 | |
| 20 | Food and kindred products..... | 2,551 | 2,434 | 2,402 | 2,487 | +4.8 | +1.3 | +2.6 | 2,480 | 2,398 | 2,396 | 2,419 | |
| 21 | Tobacco products..... | 110 | 125 | 120 | 117 | -12.0 | +4.2 | -6.0 | 109 | 125 | 120 | 115 | |
| 22 | Textile mill products..... | 2,093 | 2,076 | 2,126 | 2,045 | +0.8 | -2.4 | +2.3 | 2,072 | 2,100 | 2,139 | 2,016 | |
| 26 | Paper and allied products..... | 1,260 | 1,269 | 1,251 | 1,129 | -0.7 | +1.4 | +11.6 | 1,272 | 1,276 | 1,240 | 1,140 | |
| 28 | Chemicals and allied products..... | 4,067 | 4,057 | 4,067 | 3,926 | +0.2 | -0.2 | +3.6 | 4,152 | 4,097 | 4,030 | 4,002 | |
| 29 | Petroleum and coal products..... | 2,245 | 2,228 | 2,143 | 2,379 | +0.8 | +4.0 | -5.6 | 2,262 | 2,259 | 2,153 | 2,405 | |
| 30 | Rubber and plastics products..... | 1,274 | 1,317 | 1,346 | 1,305 | -3.3 | -2.2 | -2.4 | 1,262 | 1,310 | 1,340 | 1,288 | |
| 23,27, 31 | All other nondurable goods..... | 4,606 | 4,523 | 4,377 | 4,007 | +1.8 | +3.3 | +14.9 | 4,613 | 4,620 | 4,538 | 4,005 | |
| FINISHED GOODS | | | | | | | | | | | | | |
| | All manufacturing industries..... | 103,450 | 104,283 | 104,224 | 103,797 | -0.8 | +0.1 | -0.3 | 104,610 | 106,486 | 105,629 | 105,073 | |
| | Durable goods industries..... | 52,721 | 53,605 | 53,578 | 53,172 | -1.6 | +0.1 | -0.8 | 54,060 | 55,493 | 54,922 | 54,593 | |
| 32 | Stone, clay, and glass products..... | 3,739 | 3,791 | 3,782 | 3,694 | -1.4 | +0.2 | +1.2 | 3,864 | 3,996 | 3,936 | 3,818 | |
| 33 | Primary metals..... | 4,702 | 4,733 | 4,769 | 5,662 | -0.7 | -0.8 | -17.0 | 4,886 | 4,969 | 4,986 | 5,880 | |
| 34 | Fabricated metal products..... | 6,482 | 6,514 | 6,448 | 6,355 | -0.5 | +1.0 | +2.0 | 6,738 | 6,713 | 6,647 | 6,611 | |
| 35 | Machinery, except electrical..... | 12,104 | 12,662 | 12,821 | 12,916 | -4.4 | -1.2 | -6.3 | 12,242 | 13,041 | 12,928 | 13,091 | |
| 36 | Electrical machinery..... | 8,541 | 8,655 | 8,739 | 8,560 | -1.3 | -1.0 | -0.2 | 8,926 | 9,069 | 8,987 | 8,947 | |
| 37 | Transportation equipment..... | 6,300 | 6,388 | 6,337 | 5,878 | -1.4 | +0.8 | +7.2 | 6,313 | 6,418 | 6,363 | 5,899 | |
| 38 | Instruments and related products..... | 3,555 | 3,575 | 3,548 | 3,510 | -0.6 | +0.8 | +1.3 | 3,638 | 3,684 | 3,600 | 3,584 | |
| 24,25, 39 | All other durable goods..... | 7,298 | 7,287 | 7,134 | 6,597 | +0.2 | +2.1 | +10.6 | 7,453 | 7,603 | 7,475 | 6,763 | |
| | Nondurable goods industries..... | 50,729 | 50,678 | 50,646 | 50,625 | +0.1 | +0.1 | +0.2 | 50,550 | 50,993 | 50,707 | 50,480 | |
| 20 | Food and kindred products..... | 12,998 | 12,626 | 12,573 | 12,634 | +2.9 | +0.4 | +2.9 | 12,014 | 11,985 | 11,952 | 11,696 | |
| 21 | Tobacco products..... | 818 | 794 | 771 | 804 | +3.0 | +3.0 | +1.7 | 751 | 791 | 869 | 744 | |
| 22 | Textile mill products..... | 2,822 | 2,877 | 2,888 | 2,928 | -1.9 | -0.4 | -3.6 | 2,933 | 2,965 | 2,962 | 3,032 | |
| 26 | Paper and allied products..... | 3,987 | 4,008 | 3,948 | 3,808 | -0.5 | +1.5 | +4.7 | 4,092 | 4,186 | 4,110 | 3,906 | |
| 28 | Chemicals and allied products..... | 13,547 | 13,753 | 13,816 | 13,215 | -1.5 | -0.5 | +2.5 | 13,466 | 13,808 | 14,021 | 13,118 | |
| 29 | Petroleum and coal products..... | 5,014 | 4,982 | 5,145 | 5,431 | +0.6 | -3.2 | -7.7 | 4,920 | 4,930 | 4,935 | 5,305 | |
| 30 | Rubber and plastics products..... | 4,050 | 4,060 | 4,007 | 4,073 | -0.2 | +1.3 | -0.6 | 4,166 | 4,280 | 4,278 | 4,196 | |
| 23,27, 31 | All other nondurable goods..... | 7,493 | 7,578 | 7,498 | 7,732 | -1.1 | +1.1 | -3.1 | 8,208 | 8,048 | 7,580 | 8,483 | |

^PPreliminary. ^rRevised.

Table 6. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

| SIC Code | Industry | Inventory/shipments ratio | | | | Unfilled orders/shipments ratio ¹ | | | |
|----------|---------------------------------------|---------------------------|-----------------------|-----------|------------------------|--|-----------------------|-----------|------------------------|
| | | June 1987 ^P | May 1987 ^T | Apr. 1987 | June 1986 ^T | June 1987 ^P | May 1987 ^T | Apr. 1987 | June 1986 ^T |
| | All manufacturing industries..... | 1.60 | 1.63 | 1.64 | 1.70 | 3.53 | 3.56 | 3.53 | 3.60 |
| | Durable goods industries..... | 1.99 | 2.04 | 2.03 | 2.12 | 4.40 | 4.44 | 4.40 | 4.47 |
| 32 | Stone, clay, and glass products..... | 1.40 | 1.41 | 1.38 | 1.48 | 0.55 | 0.55 | 0.53 | 0.61 |
| 33 | Primary metals..... | 1.79 | 1.89 | 1.95 | 2.22 | 2.15 | 2.16 | 2.10 | 1.96 |
| 34 | Fabricated metal products..... | 1.89 | 1.93 | 1.88 | 1.90 | 1.86 | 1.85 | 1.80 | 1.85 |
| 35 | Machinery, except electrical..... | 2.35 | 2.40 | 2.41 | 2.49 | 3.42 | 3.47 | 3.44 | 3.52 |
| 36 | Electrical machinery..... | 2.12 | 2.14 | 2.19 | 2.33 | 5.03 | 5.00 | 5.13 | 5.56 |
| 37 | Transportation equipment..... | 1.99 | 2.05 | 2.00 | 2.05 | 10.82 | 11.20 | 10.89 | 10.63 |
| 38 | Instruments and related products..... | 2.37 | 2.40 | 2.41 | 2.49 | 1.65 | 1.62 | 1.64 | 1.66 |
| | Nondurable goods industries..... | 1.18 | 1.19 | 1.20 | 1.23 | 0.53 | 0.53 | 0.54 | 0.47 |
| 20 | Food and kindred products..... | 0.89 | 0.88 | 0.87 | 0.91 | (X) | (X) | (X) | (X) |
| 21 | Tobacco products..... | 2.88 | 3.47 | 4.94 | 2.66 | (X) | (X) | (X) | (X) |
| 22 | Textile mill products..... | 1.41 | 1.49 | 1.49 | 1.55 | (NA) | (NA) | (NA) | (NA) |
| 26 | Paper and allied products..... | 1.14 | 1.14 | 1.14 | 1.19 | (NA) | (NA) | (NA) | (NA) |
| 28 | Chemicals and allied products..... | 1.50 | 1.50 | 1.53 | 1.62 | (X) | (X) | (X) | (X) |
| 29 | Petroleum and coal products..... | 0.94 | 0.95 | 0.99 | 1.05 | (X) | (X) | (X) | (X) |
| 30 | Rubber and plastics products..... | 1.30 | 1.33 | 1.31 | 1.38 | (X) | (X) | (X) | (X) |

^PPreliminary. ^TRevised. (X) Not applicable. (NA) Not available.¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

Table 7. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES

(Based on seasonally adjusted data)

| SIC Code | Industry | Shipments | | | New orders | | | Unfilled orders | | | Inventories | | |
|----------|---------------------------------------|--------------------|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|--------------------|--------------------|---------------------|--------------------|
| | | Year ago June 1986 | All Junes 1982-1986 | June 1986-May 1987 | Year ago June 1986 | All Junes 1982-1986 | June 1986-May 1987 | Year ago June 1986 | All Junes 1982-1986 | June 1986-May 1987 | Year ago June 1986 | All Junes 1982-1986 | June 1986-May 1987 |
| | All manufacturing industries..... | 0.3 | 0.4 | 0.3 | 0.1 | 0.4 | 0.4 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 |
| | Durable goods industries..... | 0.3 | 0.3 | 0.3 | 0.0 | 0.5 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 |
| 32 | Stone, clay, and glass products..... | 0.3 | 1.0 | 1.1 | 0.4 | 1.2 | 1.2 | 1.2 | 2.5 | 1.0 | 0.2 | 0.3 | 0.4 |
| 33 | Primary metals..... | 0.2 | 0.6 | 0.4 | 0.0 | 1.8 | 0.3 | 0.0 | 0.8 | 0.2 | 0.0 | 0.1 | 0.3 |
| 34 | Fabricated metal products..... | 0.5 | 0.3 | 0.8 | 0.0 | 0.5 | 1.0 | 0.3 | 0.3 | 0.5 | 0.2 | 0.3 | 0.2 |
| 35 | Machinery, except electrical..... | 0.1 | 1.2 | 0.7 | 0.3 | 1.3 | 1.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 |
| 36 | Electrical machinery..... | 0.1 | 0.6 | 0.2 | 0.4 | 0.8 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 |
| 37 | Transportation equipment..... | 0.4 | 0.8 | 0.2 | 0.1 | 0.8 | 0.5 | 0.1 | 0.1 | 0.1 | 0.0 | 0.3 | 0.1 |
| 38 | Instruments and related products..... | 0.1 | 0.9 | 1.3 | 0.6 | 1.3 | 1.3 | 0.4 | 1.1 | 0.3 | 0.1 | 0.4 | 0.2 |
| | Nondurable goods industries..... | 0.3 | 0.5 | 0.3 | 0.2 | 0.5 | 0.3 | 0.2 | 0.6 | 0.5 | 0.2 | 0.1 | 0.2 |
| 20 | Food and kindred products..... | 0.0 | 0.6 | 0.3 | (X) | (X) | (X) | (X) | (X) | (X) | 0.5 | 0.6 | 0.2 |
| 21 | Tobacco products..... | 1.1 | 0.8 | 0.2 | (X) | (X) | (X) | (X) | (X) | (X) | 0.0 | 0.3 | 0.3 |
| 22 | Textile mill products..... | 1.2 | 1.5 | 1.2 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | 0.1 | 0.4 | 0.7 |
| 26 | Paper and allied products..... | 0.1 | 0.6 | 0.5 | (NA) | (NA) | (NA) | (NA) | (NA) | (NA) | 0.4 | 0.2 | 0.4 |
| 28 | Chemicals and allied products..... | 1.7 | 1.9 | 0.9 | (X) | (X) | (X) | (X) | (X) | (X) | 1.1 | 0.4 | 0.4 |
| 29 | Petroleum and coal products..... | 0.2 | 0.7 | 1.0 | (X) | (X) | (X) | (X) | (X) | (X) | 0.1 | 0.3 | 0.5 |
| 30 | Rubber and plastics products..... | 0.2 | 0.8 | 0.6 | (X) | (X) | (X) | (X) | (X) | (X) | 0.3 | 0.7 | 0.4 |
| | Capital goods industries: | | | | | | | | | | | | |
| | Nondefense..... | 0.0 | 0.9 | 0.5 | 0.2 | 1.3 | 0.6 | 0.0 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 |
| | Defense..... | 0.9 | 0.5 | 0.5 | 0.6 | 2.8 | 2.0 | 0.1 | 0.2 | 0.1 | 0.2 | 0.6 | 0.2 |

(X) Not Applicable (NA) Not available.

Note: The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

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